CLAIMS

1. Device comprising a patch antenna processing a signal, and coupling means for connecting the antenna to an electronic component, wherein the patch antenna is arranged on a first side of an antenna plate wherein the electronic component can be mounted on a second side of the antenna plate and wherein the coupling means comprise a metal passage through the antenna plate which transposes into a bond pad against the antenna plate on the second side, and a metal bond wire between the electronic component and the bond pad, wherein the length of the passage, as seen perpendicularly of the antenna plate, is smaller than a quarter-wavelength of the signal to be processed by the antenna.

2. Device as claimed in claim 1, wherein the length of the bond wire is smaller than a quarter-wavelength of the signal to be processed by the antenna.

3. Device as claimed in claim 1, wherein an electrically conductive plate for the patch antenna is arranged against the second side of the antenna plate wherein the electrically conductive plate is provided with a recess for the passage.

4. Device as claimed in claim 1, wherein the electronic component is a low noise amplifier.

5. Device as claimed in claim 1, wherein on the side of the electronic component the passage transposes into a bond pad for the bond wire.

6. Device as claimed in claim 1, wherein the passage has a substantially cylindrical form.

7. Device as claimed in claim 1, wherein on the side of the antenna the passage makes direct contact with a power supply line of the patch antenna.

8. Device as claimed in claim 7, wherein the periphery of the passage substantially corresponds with the width of the power supply line.

9. Radar receiver provided with a device as claimed in claim 1.